

# Nitro-Dur®

## (nitroglycerin)

Transdermal Infusion System

- **Easy opening—even for arthritic hands.**
- **Round-the-clock cling—lies flat, holds tight.**
- **Hard to notice, easy to wear—semitransparent, soft and flexible.**
- **Push-button removal—just a press in the center raises the rim for easy lift-off.**

### BRIEF SUMMARY

**INDICATIONS AND USAGE:** This drug product has been conditionally approved by the FDA for the prevention and treatment of angina pectoris due to coronary artery disease. The conditional approval reflects a determination that the drug may be marketed while further investigation of its effectiveness is undertaken. A final evaluation of the effectiveness of the product will be announced by the FDA.

**CONTRAINDICATIONS:** Intolerance of organic nitrate drugs, marked anemia.

**WARNINGS:** The NITRO-DUR system should be used under careful clinical and/or hemodynamic monitoring in patients with acute myocardial infarction or congestive heart failure.

In terminating treatment of anginal patients, both the dosage and frequency of application must be gradually reduced over a period of 4 to 6 weeks in order to prevent sudden withdrawal reactions, which are characteristic of all vasodilators in the nitroglycerin class.

**PRECAUTIONS:** Symptoms of hypotension, such as faintness, weakness or dizziness, particularly orthostatic hypotension, may be due to over-dosage. If during the course of treatment these symptoms occur, the dosage should be reduced or use of the product discontinued.

NITRO-DUR is not intended for use in the treatment of acute anginal attacks. For this purpose, occasional use of sublingual nitroglycerin may be necessary.

**Pregnancy:** Pregnancy Category C. Animal reproduction studies have not been conducted with NITRO-DUR. It is also not known whether nitroglycerin can cause fetal harm when administered to a pregnant woman or can affect reproduction capacity. Nitroglycerin should be given to a pregnant woman only if clearly needed.

**Nursing Mothers:** It is not known whether nitroglycerin is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when NITRO-DUR is administered to a nursing woman.

**ADVERSE REACTIONS:** Transient headache is the most common side effect, especially when higher doses of the drug are administered. Headaches should be treated with mild analgesics while continuing NITRO-DUR therapy. If headache persists, the NITRO-DUR dosage should be reduced or use of the product discontinued.

Adverse reactions reported less frequently include hypotension, increased heart rate, faintness, flushing, dizziness, nausea, vomiting, and dermatitis. Except for dermatitis, these symptoms are attributed to the pharmacologic effects of nitroglycerin. However, they may be symptoms of overdosage. When they persist, the NITRO-DUR dosage should be reduced or use of the product discontinued.

**CAUTION:** Federal law prohibits dispensing without prescription. EDP #1030160  
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All transdermal nitroglycerin products are being marketed pending final evaluation of effectiveness by the FDA.

**KEY** Key Pharmaceuticals, Inc.  
Kenilworth, NJ 07033 USA  
World leader in drug delivery systems.

ND-2142/14579303

## In Memoriam

### Arizona Medical Association

CLARK, CLARENCE L., Tucson. Died May 2, 1989, aged 74. Graduate of St Louis University School of Medicine, 1940. Licensed in Arizona in 1965. Dr Clark was a member of the Pima County Medical Society.

### California Medical Association

ABRAHAM, ROBERT K., Los Angeles. Died Feb 23, 1989, aged 65. Graduate of Louisiana State University School of Medicine, New Orleans, 1948. Licensed in California in 1948. Dr Abraham was a member of the Los Angeles County Medical Association.

BATZLE, J. HAROLD. Died Apr 8, 1989, aged 73. Graduate of University of Wisconsin, Madison, 1940. Dr Batzle was a member of the Riverside County Medical Association.

BEERMAN, HERMAN M., Los Angeles. Died Mar 31, 1989, aged 89. Graduate of University of Maryland School of Medicine, Baltimore, 1924. Licensed in California in 1926. Dr Beerman was a member of the Los Angeles County Medical Association.

BORSOOK, MANNIE E., Los Angeles. Died Mar 3, 1989, aged 81. Graduate of University of Toronto Faculty of Medicine, Toronto, Ontario, 1938. Licensed in California in 1942. Dr Borsook was a member of the Los Angeles Medical Association.

BRANDT, RAYMOND A., Santa Ana. Died Feb 19, 1989, aged 72. Graduate of University of Illinois, Chicago, 1943. Dr Brandt was a member of the Orange County Medical Association.

BUSSARD, HARRY A., Tulare. Died Apr 1, 1989, aged 70. Graduate of University of California, Irvine, 1962. Dr Bussard was a member of the Tulare County Medical Society.

CAMPBELL, MARIAN, Santa Maria. Died Apr 13, 1989, aged 76. Graduate of Women's Medical College, Philadelphia, 1947. Licensed in California in 1958. Dr Campbell was a member of the Santa Barbara County Medical Society.

CARROLL, WALTER W., Los Angeles. Died Feb 26, 1989, aged 73. Graduate of Northwestern University Medical School, Chicago, 1941. Licensed in California in 1951. Dr Carroll was a member of the Los Angeles County Medical Association.

COATE, JOSEPH D., Oakland. Died Feb 28, 1989, aged 86. Graduate of Indiana University School of Medicine, Indianapolis, 1930. Dr Coate was a member of the Alameda-Contra Costa Medical Association.

COLBURN, JUSTIN R., Oakland. Died Mar 6, 1989, aged 78. Graduate of Stanford University, 1935. Dr Colburn was a member of the Alameda-Contra Costa Medical Association.

CRAIG, LEEA, Berkeley. Died Apr 16, 1989, aged 83. Graduate of University of California, San Francisco, 1932. Dr Craig was a member of the Alameda-Contra Costa Medical Association.

CZATT, JOHN H., Modesto. Died Mar 13, 1989, aged 93. Graduate of Ohio State University, Columbus, 1925. Dr Czatt was a member of the Stanislaus Medical Society.

DAVIS, EDWARD H., Los Angeles. Died Mar 25, 1989, aged 61. Graduate of New York University School of Medicine, 1953. Licensed in California in 1954. Dr Davis was a member of the Los Angeles County Medical Association.

DIORIO, CARMINE D., San Bernardino. Died Apr 20, 1989, aged 67. Graduate of Georgetown University School of Medicine, Washington, DC, 1946. Licensed in California in 1973. Dr Diorio was a member of the San Bernardino County Medical Society.

DOBOS, JOSEPH, San Francisco. Died Feb 2, 1989, aged 58. Dr Dobos was a member of the San Francisco Medical Society.

DOUGLASS, PARRY, San Francisco. Died Feb 6, 1989, aged 85. Dr Douglass was a member of the San Francisco Medical Society.

EVANS, HARRISON S. Died Jan 21, 1989, aged 77. Graduate of Loma Linda University School of Medicine, 1936. Licensed in California in 1962. Dr Evans was a member of the San Bernardino County Medical Society.

FINE, MAX, San Francisco. Died Mar 29, 1989, aged 89. Dr Fine was a member of the San Francisco Medical Society.

FRITZ, SAMUEL H., Los Angeles. Died Mar 4, 1989, aged 77. Graduate of Loma Linda University School of Medicine, 1948. Licensed in California in 1948. Dr Fritz was a member of the Los Angeles County Medical Association.

### New Mexico Medical Society

HUELSMANN, DONALD, Albuquerque. Died May 19, 1989, aged 72. Graduate of Washington University, St Louis. Licensed in New Mexico in 1949. Dr Huelsmann was a member of the Greater Albuquerque Medical Association.

### Utah Medical Association

McMURRIN, JAMES ALLEN, Ogden. Died Apr 8, 1989, aged 71. Graduate of Cornell University, New York, 1943. Licensed in Utah in 1953. Dr McMurrin was a member of the Weber County Medical Society.

NOYES, KENNETH E., American Fork. Died Nov 17, 1988, aged 87. Graduate of Jefferson Medical School, Philadelphia, 1924. Licensed in Utah in 1925. Dr Noyes was a member of the Utah County Medical Association.

SQUIRES, RUSSEL MARTIN, Salt Lake City. Died Mar 22, 1989, aged 50. Graduate of University of Utah, 1965. Licensed in Utah in 1966. Dr Squires was a member of the Salt Lake County Medical Society.